| ᆫ  |  |                              |  |           |     |          |   |            |   | an Lat | oer No.        |                  | 3,3           | <del></del> | 391 03  |   | ੂ≡ |
|--|--|------------------------------|--|-----------|-----|----------|---|------------|---|--------|----------------|------------------|---------------|-------------|---------|---|----|
| APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents. |  |                              |  |           |     |          | MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 |            |   |        |                |                  | 22581<br>10/6 |             |         |   |    |
| 1.<br>2.<br>3.   | X X Oath a. b.   | (Submit as Applican See 37 ( | red arrangement set forth below) scriptive title of the invention ses Reference to Related Applications tement Regarding Fed sponsored R & D ference to sequence listing, a table, a computer program listing appendix ckground of the Invention ef Summary of the Invention ef Description of the Drawings (if filed) tailed Description im(s) stract of the Disclosure ng(s) (35 U.S.C. 113)  [Total Sheets 3] |           |     |          |   |            | Alexandria, VA 22313-1450   CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement (when there is an assignee) Attorney  11. English Translation Document (if applicable)  12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. (Should be specifically itemized)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |        |                |                  |               |             |         |   | er |
| 6. X Application Data Sheet. See 37 CFR 1.76   |  |                              |  |           |     |          |   | 17. Other: |   |        |                |                  |               |             |         |   |    |
| fo<br>Fe<br>B  | 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. |                              |  |           |     |          |   |            |   |        |                |                  |               |             |         |   |    |
| L  |  |                              |  |           |     | 19. C    | ORRE  | SPO        | NDE   | NCE    | ADDRE          | SS               |               |             | <u></u> |   |    |
| X Customer Number:   |  |                              |  |           |     | 23416    |   |            |   | OR     |                | Correspondence a | ddress belo   | w           |         |   |    |
| Name   |  |                              |  |           |     |          |   |            |   |        |                |                  |               |             |         |   |    |
| Address  |  |                              |  |           |     |          |   |            |   |        |                |                  |               |             |         |   |    |
| City   |  |                              | s  |           |     |          | State   |            |   |        |                |                  | Zip C         | ode         |         |   |    |
| Country  |  |                              | Tel  |           |     | Telepho  | ne  |            |   |        |                |                  | Fax           |             |         |   |    |
| Name (Print/Type) Ashley I. Pezzner  |  |                              |  |           | ner | <u> </u> | Registration No. (Atto  |            |   |        | lo. (Attorr    | iey/Ag           | ent)          | 35,646      |         | 1 |    |
| Signature Usiker   |  |                              |  | J. Oznali |     |          |   |            | Date  | ,      | October 17, 20 | 003              |               |             |         |   |    |

Date

October 17, 2003



|  |              | updated to reflect FY 2004 fees effective 10/1/0                           |       |            |  |   |             |          |              |
|--|--------------|--|-------|------------|--|---|-------------|----------|--------------|
| FEE TRANSMITTAL  |              | C mplete if Known  |       |            |  |   |             |          |              |
| IEE IKANSMIIIAE  | '            | Applic   | catio | n Numb     | er   | Not Yet Assigned  |             |          |              |
| for FY 2004  |              | Filing   | Dat   | e          |  | October 17, 2003  |             |          | <del>.</del> |
| Effective 10/01/2003, Patent fees are subject to annual revision.  |              |  |       | ed Inver   | ntor   | Michael Haubs et al   |             |          |              |
| Eliective Toto 112000, Fatern 1003 and Subject to difficult revision.  |              | Exami  | iner  | Name       |  | Not Yet A   | ssigne      | d        |              |
| Applicant claims small entity status. See 37 CFR 1.27  |              | Art Un   | nit   |            |  | N/A   |             |          |              |
| TOTAL AMOUNT OF PAYMENT (\$) 770.00  |              | Attom  | ey C  | ocket No   | р.   | 05587-00358-US (2002/G 019)                                     |             |          |              |
| METHOD OF PAYMENT (check all that apply)   |              | FEE CALCULATION (continued)  |       |            |  |   |             |          |              |
| X Check Credit Money Other None  | 3. A         | DDITIO   | ONA   | AL FEES    | i  |   |             |          |              |
| Deposit Account:   |              |  |       |            |  |   |             |          |              |
| Deposit Deposit  | Large        | e Entity   | Sm    | all Entity |  |   |             |          |              |
| Account 03-2775  | Fee<br>Code  | Fee  | Fe    |            | -  | Fee Desc  | ription     |          | Fee Paid     |
| Number   |              | (\$)   |       |            |  |   |             |          | ree Paio     |
| Deposit Account Connolly Bove Lodge & Hutz LLP   | 1051         | 130  | 205   | 65         | Surcharge – late filing fee or oath                        |   |             |          |              |
| Name The Director is authorized to: (check all that apply)   | 1052         | 50   | 205   | 52 25      | Surcharge – late provisional filing fee or cover<br>sheet. |   |             |          |              |
| Charge fee(s) indicated below X Credit any overpayments  | 1053         | 130  | 105   | 3 130      | Non-Englis   | Non-English specification                                       |             |          |              |
| X Charge any additional fee(s) during the pendency of this   | 1812         | 2,520  | 181   | 12 2,520   | For filing a   | or filing a request for ex parte reexamination                  |             |          |              |
| application  | 1804         | 920*   | 180   |            | _  | publication of  |             |          | <del> </del> |
| Charge fee(s) indicated below, except for the filing fee   |              |  |       |            | Examiner a   |   |             |          |              |
| to the above-identified deposit account.   | 1805         | 1,840*   | 180   | •          | Examiner a   |   | JI JIN ALLE | :1       | ļ            |
| FEE CALCULATION  | 1251         | 110  | 225   |            |  | for reply within  |             |          |              |
| 1. BASIC FILING FEE  | 1252         | 420  | 225   |            |  | for reply within  | <u> </u>    |          |              |
| Large Entity   Small Entity     Fee   Fe | 1253         | 950  | 225   |            |  | for reply within  |             |          | <u> </u>     |
| Code (\$) Code (\$)  | 1254         | 1,480  | 225   |            |  | for reply within  |             |          | <u> </u>     |
| 1001 770 2001 385 Utility filing fee 770.00  | 1255         | 2,010  | 225   | •          |  | for reply within  | n fifth mor | nth      |              |
| 1002 340 2002 170 Design filing fee<br>1003 530 2003 265 Plant filing fee  | 1401<br>1402 | 330<br>330   | 240   |            | Notice of A  | ef in support o   | of an anne  | al       |              |
| 1004 770 2004 385 Reissue filing fee   | 1403         | 290  | 240   |            | _  | or oral hearing   | , an appe   |          |              |
| 1005 160 2005 80 Provisional filing fee  | 1451         | 1,510  | 145   | 51 1,510   | •  | institute a put   | olic use pr | oceeding |              |
| SUBTOTAL (1) (\$) 770.00   | 1452         | 110  | 245   | 52 55      | Petition to  | revive – unav   | oidable     |          |              |
| SUBTOTAL (1) (\$) 770.00   | 1453         | 1,330  | 245   | 665        | Petition to  | Petition to revive - unintentional                              |             |          |              |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  | 1501         | 1,330  | 250   | 01 665     | Utility issue  | Itility issue fee (or reissue)                                  |             |          |              |
| Extra Fee from Claims below Fee Paid   | 1502         | 480  | 250   | 240        | Design iss   | ue fee  |             |          |              |
| Total Claims 19 -20** = x = 0.0  | 1503         | 640  | 250   |            | Plant issue  | lant issue fee  |             |          |              |
| Independent 1 -3** = x = 0.0   | 1460         | 130  | 146   | 50 130     | Petitions to the Commissioner                              |   |             |          | <u> </u>     |
| Multiple Dependent =   | 1807         | 50   | 180   | 07 50      | Processing   | g fee under 37  | CFR 1.1     | 7(q)     |              |
| Large Entity Small Entity  | 1806         | 180  | 180   | 6 180      |  | n of Information  |             |          |              |
| Fee Fee Fee Fee Fee Description  | 8021         | 40   | 802   | 21 40      |  | each patent a<br>mes number                                     |             |          |              |
| 1202 18 2202 9 Claims in excess of 20  | 1809         | 770  | 280   | 9 385      | Filing a sul   | bmission after  | final reje  | ction    |              |
| 1201 86 2201 43 Independent claims in excess of 3  | 1010         | 770  | 201   | 10 385     | •  | dditional inve  | ntion to be | B        | <b></b>      |
| 1203 290 2203 145 Multiple dependent claim, if not paid  | 1810         |  | 281   |            |  | ramined (37CFR 1.129(b)) equest for Continued Examination (RCE) |             |          |              |
| 1204 86 2204 43 ** Reissue independent claims over original patent   | 1801         | 770  | 280   |            | •  |   |             |          |              |
| 1205 18 2205 9 ** Reissue claims in excess of 20   | 1802         | 802 900 1802 900 Request for expedited examination of a design application |       |            |  |   |             |          |              |
| and over original patent   | l .          | fee (spe   |       |            |  |   |             |          | <u> </u>     |
| SUBTOTAL (2) (\$) 0.0  | *Red         | uced by I  | Basic | Filing Fee | Paid   | SUBTO   | TAL (3)     | (\$)     | 0.00         |
| **or number previously paid, if greater; For Reissues, see above   | <u> </u>     |  | _     |            |  |   |             | 4.6-11   |              |
| SUBMITTED BY   | Reniet       | ration No  | , T   | 25.645     |  | (Complete   |             |          |              |
| Name (Print/Type) Ashley I. Pezzner  |              | ey/Agent)  |       | 35,646     |  | Telephone   | (302)       | 658-9141 |              |

Signature

Attorney Docket No.: 05587-00358-US

## Certificate of Express Mailing Under 37 CFR 1.10

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MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on October 17, 2003

Date

J. Lynn Ferry
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each submitted paper.

Application Data Sheet Specification and Claims Drawings (3 sheets) First Preliminary Amendment Utility Transmittal Sheet Fee Transmittal Sheet Check for \$770.00 Return Postcard